



Product Evaluation

DR696 | 0914

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: DR-696

Effective Date: September 1, 2014

Re-evaluation Date: May 2017

Product Name: 350 Series HurricaneShield Vinyl Sliding Patio Doors, Impact Resistant

Manufacturer: Pella Corporation
102 Main Street
Pella, IA 50219
(641) 621-1000

General Description:

System	Description	Label Rating	Design Pressure Rating
1	350 Series Vinyl Sliding Patio Door Transom (O)	LC-PG50 100 x 51 – Type FD Missile Level D	± 50 psf
2	350 Series Vinyl Sliding Patio Door Sidelite (O)	LC-PG50 51 x 100 – Type FD Missile Level D	± 50 psf

Product Dimensions:

System	Overall Size	Fixed Panel Size	Panel Glass Daylight Opening Size
1	100.00" x 51.00" (O)	48.44" x 97.38"	41.32" x 90.25"
2	51.00" x 100.00" (O)	97.38" x 48.44"	90.25" x 41.32"

Product Identification (Certification Agency Label on Door):

System		
1, 2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Pella Corporation
	Product Name	Pella 350 Series – Patio Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08; AAMA/WDMA/CSA 101/I.S.2/A440-11 ASTM E 1886; ASTM E 1996; Wind Zone Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1,2	Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I and Seaward zone . The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

Installation:

Wood wall-framing members shall be minimum Spruce-Pine-Fir dimension lumber. Secure transoms and sidelites to wood wall-framing members using the frame of the product with minimum No. 10 x 2" screws. Along the frame head, sill, and side jambs, the place fasteners in a single row spaced approximately 6" from each corner and approximately 11" on center. Fasteners shall be long enough to penetrate a minimum of 1-1/2" into wall-framing members.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.